

TOWN OF Smithfield

OFFICE OF CODE ENFORCEMENT

926 Village Rd

Smithfield, ME 04978

Erosion Control in the Shoreland Zone

- Erosion and Sediment Control
 - Must be used if there will be any soil disturbance
 - Temporary
 - Silt Fences
 - Must be installed along the contour.
 - Lower flap must be buried on the uphill side.
 - Alternatively, erosion control mix can be mounded over the lower flap
 - Staked at regular intervals to support the fence
 - Must be maintained!
 - Hay Bales
 - Installed along the contour
 - Must be keyed (buried) into the ground at least 2 inches
 - Installed on edge with two stakes per bale to hold in place
 - Erosion control mix
 - used like a silt fence
 - Mound at least 12 inches high and 24 inches wide along the contour
 - Other temporary erosion control methods
 - Tarps, mulching stockpiles, running tracked vehicles with the direction of flow to create small temporary water bars
 - Permanent
 - Hay Mulch
 - Depth of hay mulch depends on amount of time it will be in place
 - Use more hay if vegetation will not have a chance to establish before winter
 - Less if area is seeded for re-vegetation
 - Re-seeding
 - Make sure enough time is available in the season for vegetation to establish
 - Plunge pools/ level lip spreaders
 - must be cleaned out regularly
 - must be sized appropriately (not too small of shallow)
 - May require DEP approval depending on their distance from a resource